

TRANSMITTAL FORM

08-21-05

Application Serial Number	09/841,325
Filing Date	April 24, 2001
First Named Inventor	Modell
Group Art Unit	3737
Examiner Name	Not yet assigned
Attorney Docket No.	MDS-009CN
Patent No.	Not applicable
Issue Date	Not applicable

ENCLOSURES (check all that apply)

- | | | |
|--|---|---|
| <input type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Check Attached
<input type="checkbox"/> Copy of Fee Transmittal Form
<input type="checkbox"/> Amendment/Response
<input type="checkbox"/> Preliminary
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]
<input type="checkbox"/> Petition for Extension of Time
<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement
<input checked="" type="checkbox"/> Form PTO-1449
<input checked="" type="checkbox"/> Copies of SIDS Citations (B36-B40)
<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Sequence Listing submission
<input type="checkbox"/> Paper Copy/CD
<input type="checkbox"/> Computer Readable Copy
<input type="checkbox"/> Statement verifying identity of above | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application
<input type="checkbox"/> Formal Drawing(s)
<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal
<input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)
<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application
<input type="checkbox"/> Small Entity Statement
<input type="checkbox"/> CD(s) for large table or computer program
<input type="checkbox"/> Amendment After Allowance
<input type="checkbox"/> Request for Certificate of Correction
<input type="checkbox"/> Certificate of Correction (in duplicate) | <input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences
<input type="checkbox"/> Appeal Brief (in triplicate)
<input type="checkbox"/> Status Inquiry
<input checked="" type="checkbox"/> Return Receipt Postcard
<input type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8
<input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8
<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below)
<input checked="" type="checkbox"/> Second Request for Consideration of References Previously Submitted (2 pgs.)
<input checked="" type="checkbox"/> Copy of Request for Consideration of References Previously Submitted and related papers originally submitted to the USPTO on December 1, 2003, and stamped as received by the USPTO on December 5, 2003 (5 pgs.)
<input checked="" type="checkbox"/> Copies of the Information Disclosure Statement and related papers (10 pgs.), originally submitted to the USPTO on August 31, 2001, and stamped as received by the USPTO on September 4, 2001;
<input checked="" type="checkbox"/> Copies of the Supplemental Information Disclosure Statement and related papers (9 pgs.), originally submitted to the USPTO on October 5, 2001, and stamped as received by the USPTO on December 11, 2001
<input checked="" type="checkbox"/> Copies of the Second Supplemental Information Disclosure Statement and related papers (17 pgs.) originally submitted to the USPTO on July 10, 2003, and stamped as received by the USPTO on July 14, 2003 |
|--|---|---|

CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator
 Goodwin Procter LLP
 Exchange Place
 Boston, MA 02109
 Tel. No.: (617) 570-1000
 Fax No.: (617) 523-1231
 Customer No. 051414

SIGNATURE BLOCK

Date: August 30, 2005
 Reg. No. 56,663
 Tel. No.: (617) 570-1053
 Fax No.: (617) 523-1231

Respectfully submitted,

Brian R. Chase
 Brian R. Chase
 Attorney for Applicants
 Goodwin Procter LLP
 Exchange Place
 Boston, MA 02109



EXPRESS MAIL® Mailing Label Number **EV63105539945**

PATENT
Attorney Docket No. MDS-009CN
(120407/156456)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Modell et al. CONFIRMATION NO.: 6590
SERIAL NO.: 09/841,325 GROUP NO.: 3737
FILING DATE: April 24, 2001 EXAMINER: Smith, Ruth S.
TITLE: Spectral Volume Microprobe Arrays

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. In accordance with 37 C.F.R. 1.98(a)(2), only copies of the foreign patent documents are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or
- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**

- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Date: August 30, 2005
Reg. No. 56,663

Tel. No.: (617) 570-1053
Fax No.: (617) 523-1231
2574061

Respectfully submitted,



Brian R. Chase
Attorney for Applicants
Goodwin Procter LLP
Exchange Place
Boston, Massachusetts 02109
Customer No. 051414



Express Mail Mailing Label No. EV631055399US

FORM PTO - 1449

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-009CN

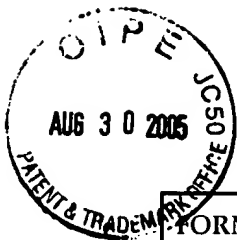
APPLICANT(S): Modell et al.

SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001 GROUP: 3737

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A254	D 500,134	12/21/2004	Banks <i>et al.</i>			
	A255	D 507,349	07/12/2005	Banks <i>et al.</i>			
	A256	4,349,510	09/14/1982	Kolehmainen <i>et al.</i>			
	A257	4,396,579	08/02/1983	Schroeder <i>et al.</i>			
	A258	4,755,055	07/05/1988	Johnson <i>et al.</i>			
	A259	5,205,291	04/27/1993	Potter			
	A260	5,383,874	01/24/1995	Jackson <i>et al.</i>			
	A261	5,452,723	09/26/1995	Wu <i>et al.</i>			
	A262	5,784,162	07/21/1998	Cabib <i>et al.</i>			
	A263	5,871,439	02/16/1999	Takahashi <i>et al.</i>			
	A264	5,902,246	05/11/1999	McHenry <i>et al.</i>			
	A265	5,999,844	12/07/1999	Gombrich <i>et al.</i>			
	A266	6,026,319	02/15/2000	Hayashi			
	A267	6,123,454	09/26/2000	Canfield <i>et al.</i>			
	A268	6,135,965	10/24/2000	Tumor <i>et al.</i>			
	A269	6,224,256	05/01/2001	Bala			
	A270	6,332,092	12/18/2001	Deckert <i>et al.</i>			
	A271	6,370,422	04/09/2002	Richards-Kortum <i>et al.</i>			
	A272	6,390,671	05/21/2002	Tseng			
	A273	6,405,070	06/11/2002	Banerjee			
	A274	6,487,440	11/26/2002	Deckert <i>et al.</i>			
	A275	6,593,101	07/15/2003	Richards-Kortum <i>et al.</i>			
	A276	6,593,102	07/15/2003	Zahniser			
	A277	6,639,674	10/28/03	Sokolov <i>et al.</i>			
	A278	6,697,666	02/24/04	Richards-Kortum, <i>et al.</i>			
EXAMINER				DATE CONSIDERED			



FORM PTO - 1449				ATTORNEY DOCKET NO.: MDS-009CN			
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Modell et al.			
				SERIAL NO.: 09/841,325			
				FILING DATE: April 24, 2001 GROUP: 3737			
U.S. PATENT DOCUMENTS							
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A279	6,760,613	07/06/04	Nordstrom <i>et al.</i>			
	A280	6,902,935	06/07/2005	Kaufman <i>et al.</i>			
	A281	6,818,903	11/16/04	Schomacker <i>et al.</i>			
	A282	6,826,422	11/30/04	Modell <i>et al.</i>			
	A283	6,839,661	1/4/05	Costa <i>et al.</i>			
	A284	6,847,490	01/25/05	Nordstrom <i>et al.</i>			
	A285	6,933,154	8/23/05	Schomacker <i>et al.</i>			
	A286	2002/0007122	01/17/02	Kaufman <i>et al.</i>			
	A287	2002/0127735	09/12/02	Kaufman <i>et al.</i>			
	A288	2002/0177777	11/28/02	Nordstrom <i>et al.</i>			
	A289	2002/0183626	12/05/02	Nordstrom <i>et al.</i>			
	A290	2003/0095721	05/22/03	Clume <i>et al.</i>			
	A291	2003/0144585	07/31/03	Kaufman <i>et al.</i>			
	A292	2004/0010375	01/15/04	Schomacker <i>et al.</i>			
	A293	2004/0206913	10/21/04	Costa <i>et al.</i>			
	A294	2004/0206882	10/21/04	Banks <i>et al.</i>			
	A295	2004/0206914	10/21/04	Schomacker <i>et al.</i>			
	A296	2004/0207625	10/21/04	Griffin <i>et al.</i>			
	A297	2004/0208385	10/21/04	Jiang			
	A298	2004/0208390	10/21/04	Jiang <i>et al.</i>			
	A299	2004/0209237	10/21/04	Flewelling <i>et al.</i>			
EXAMINER				DATE CONSIDERED			



FORM PTO - 1449					ATTORNEY DOCKET NO.: MDS-009CN				
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT					APPLICANT(S): Modell et al.				
					SERIAL NO.: 09/841,325				
					FILING DATE: April 24, 2001 GROUP: 3737				
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B36	196 29 646	01/29/1988	DE				N	Y (abstract)
	B37	2-17429	01/22/1990	JP				N	Y (abstract)
	B38	5-256772	10/05/1993	JP				N	Y (abstract)
	B39	1-245215	09/29/1989	JP				N	Y (abstract)
	B40	04/095359	11/04/2004	WO				N	Y
EXAMINER					DATE CONSIDERED				

2574001



Express Mail Mailing Label No. EV631055399US

PATENT
Atty. Docket No. MDS-009CN
(120407/156456)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Modell et al. CONFIRMATION NO.: 6590
SERIAL NUMBER: 09/841,325 ART UNIT: 3737
FILING DATE: April 24, 2001 EXAMINER: Smith, Ruth S.
TITLE: Spectral Volume Microprobe Arrays

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SECOND REQUEST FOR CONSIDERATION OF
REFERENCES PREVIOUSLY SUBMITTED

Sir:

In the Office Action, Paper No. 8, mailed from the U.S. Patent and Trademark Office ("USPTO") on September 2, 2003, the Examiner included with the Office Action copies of the PTO-1449 forms submitted on August 31, 2001, October 5, 2001, and July 30, 2003. The Examiner did not indicate consideration of the Foreign Patent Documents (B References) or the Other Art, Journal Articles, Etc. (C References). Applicants resubmitted the PTO-1449 forms and references B1-B27 and C1-C107 along with a Request for Consideration of References Previously Submitted on December 1, 2003. Applicants submit that the documents were timely and properly submitted to the USPTO as evidenced by the enclosed Certificate of First Class Mail identifying the documents and the return receipt postcard, which acknowledges receipt of the documents by the USPTO on December 5, 2003.

Applicants will be happy to provide additional copies of these references should they be needed. Applicants cordially invite the Examiner to contact the undersigned should any additional copies be needed.

Applicants hereby request that the references indicated above be considered and that an initialed copy of each of the previously submitted PTO-1449 forms be entered in the file and a

Second Request for Consideration of Reference Previously Submitted
Docket No. MDS-009CN
Serial No. 09/841,325
Filing Date: April 24, 2001

copy sent to Applicants' correspondence address. Applicants enclose a copy of the previously submitted Information Disclosure Statements and PTO-1449 Forms.

Applicants believe no additional fees are due upon submission of this paper. If any fees are due, the Commissioner is hereby authorized to charge them to Deposit Account No. 07-1700.

Respectfully submitted,

Date: August 30, 2005
Reg. No. 56,663

Tel. No. (617) 570-1053
Fax No. (617) 523-1231

A handwritten signature in black ink, appearing to read "Brian R. Chase", written over a horizontal line.

Brian R. Chase
Attorney for Applicants
Goodwin Procter, LLP
Exchange Place
Boston, MA 02109

2574093.1



COPY

EXPRESS MAIL MAILING LABEL
NO. EV631055399US

MDS-009CN (6219/15)

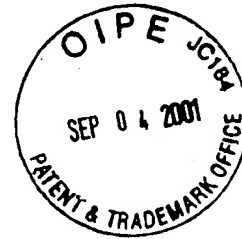
The "Received" stamp of the Patent Office imprinted hereon acknowledges the filing of the following documents by Certificate of First Class Mailing (1 pg.); Transmittal Form (1 pg.); Information Disclosure Statement (2 pgs.); PTO Form 1449 (5 pgs.); one copy of each cited reference, A1-A64, B1-B7 and C1-C14; and this return receipt postcard, all mailed first class postage prepaid on August 31, 2001.

Applicants: Modell et al.

Serial No.: 09/841,325

Atty: JBMilstein/sms

Date: August 31, 2001



2167969



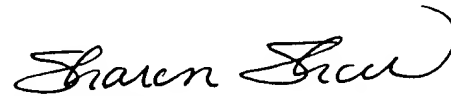
PATENT
Attorney Docket No. MDS-009CN (6219/15)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Modell et al.
SERIAL NO.: 09/841,325 GROUP NO.: 3737
FILING DATE: April 24, 2001 EXAMINER: Not Yet Assigned
TITLE: Spectral Volume Microprobe Arrays

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on this 31st day of August, 2001.


Sharon Shaw

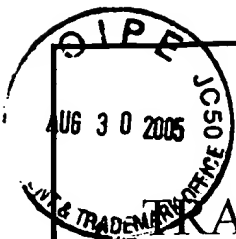
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith is/are:

1. Transmittal Form (1 page);
2. Information Disclosure Statement (2 pages);
3. PTO Form 1449 (5 pages);
and one copy of each cited reference A1-A64,
B1-B7 and C1-C14;
4. Return-receipt postcard.

MILSTEIN\6219\15.2167978_1



TRANSMITTAL FORM

Application Serial Number	09/841,325
Filing Date	April 24, 2001
First Named Inventor	Modell et al.
Group Art Unit	3737
Examiner Name	Not Yet Assigned
Attorney Docket No.	MDS-009CN
BATCH NO. (after allowance)	Not applicable
Patent No.	Not applicable
Issue Date	Not applicable


ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form <input type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____] <input type="checkbox"/> Petition for Extension of Time <input checked="" type="checkbox"/> Information Disclosure Statement (2 pages) <input checked="" type="checkbox"/> Form PTO-1449 (5 pages) <input checked="" type="checkbox"/> Copies of IDS Citations <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Copy of Notice to File Corrected Application Papers (PTO-1553) <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> CD(s) for large table or computer program <input type="checkbox"/> Amendment After Allowance <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <input type="checkbox"/> Appeal Brief (in triplicate) <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <input type="checkbox"/> Additional Enclosure(s) (please identify below)
---	--	---

CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator
Testa, Hurwitz & Thibault, LLP
High Street Tower
125 High Street
Boston, MA 02110
Tel. No.: (617) 248-7000
Fax No.: (617) 248-7100

SIGNATURE BLOCK

Respectfully submitted,

Joseph B. Milstein
Atty/Agent for Applicant(s)
Testa, Hurwitz & Thibault, LLP
High Street Tower
125 High Street
Boston, MA 02110

Date: August 31, 2001
Reg. No. 42,897
Tel. No.: (617) 248-7695
Fax No.: (617) 248-7100



PATENT
Attorney Docket No. MDS-009CN
(6219/15)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Modell et al.
SERIAL NO.: 09/841,325 GROUP NO.: 3737
FILING DATE: April 24, 2001 EXAMINER: Not Yet Assigned
TITLE: Spectral Volume Microprobe Arrays

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, OR
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

- ☐ (3) after the mailing date of a final action or notice of allowance but before the payment of the issue fee, AND
- ☐ the requisite Statement is below, AND
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely \$180.00 is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

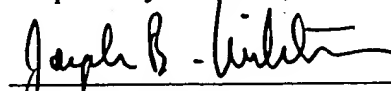
- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Date: August 31, 2001
Reg. No. 42,897

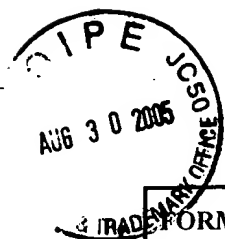
Tel. No.: (617) 248-7695
Fax No.: (617) 248-7100

MILSTEIN6219\15.2167958_1

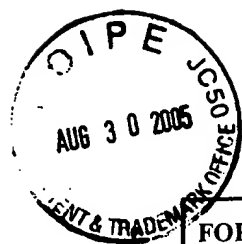
Respectfully submitted,



Joseph B. Milstein
Atty/Agent for Applicant(s)
Testa, Hurwitz, & Thibault, LLP
High Street Tower
125 High Street
Boston, Massachusetts 02110



FORM PTO - 1449				ATTORNEY DOCKET NO.: MDS-009CN (6219/15)			
INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Modell et al.			
				SERIAL NO.: 09/841,325			
				FILING DATE: April 24, 2001 GROUP: 3737			
U.S. PATENT DOCUMENTS							
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	3,013,467	12/19/61	Minsky	88	14	
	A2	4,017,192	4/12/77	Rosenthal et al	356	201	
	A3	4,198,571	4/15/80	Sheppard	250	571	
	A4	4,254,421	3/3/81	Kreutel, Jr.	343	754	
	A5	4,357,075	11/2/82	Hunter	350	294	
	A6	4,397,557	8/9/83	Herwig et al.	356	342	
	A7	4,733,063	3/22/88	Kimura et al.	250	201	
	A8	4,753,530	6/28/88	Knight et al.	356	73	
	A9	4,844,617	7/4/89	Kelderman et al.	356	372	
	A10	4,845,352	7/4/89	Benschop	250	201	
	A11	4,852,955	8/1/89	Doyle et al.	350	1.2	
	A12	4,930,516	6/5/90	Alfano et al.	128	665	
	A13	4,965,441	10/23/90	Picard	250	201.3	
	A14	4,972,258	11/20/90	Wolf et al.	358	93	
	A15	4,997,242	3/5/91	Amos	350	6.91	
	A16	5,011,243	4/30/91	Doyle et al.	350	1.2	
	A17	5,028,802	7/2/91	Webb et al.	250	571	
	A18	5,032,720	7/16/91	White	250	236	
	A19	5,034,613	7/23/91	Denk et al.	250	458.1	
	A20	5,042,494	8/27/91	Alfano	128	665	
	A21	5,054,926	10/8/91	Dabbs et al.	356	345	
	A22	5,065,008	11/12/91	Hakamata et al.	250	216	
	A23	5,071,246	12/10/91	Blaha et al	351	221	
	A24	5,074,306	12/24/91	Green et al.	128	664	
EXAMINER				DATE CONSIDERED			



FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-009CN (6219/15)

APPLICANT(S): Modell et al.

SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001 GROUP: 3737

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A25	5,083,220	1/21/92	Hill	359	234	
	A26	5,091,652	2/25/92	Mathies et al.	250	458.1	
	A27	5,120,953	6/9/92	Harris	250	227.20	
	A28	5,122,653	6/16/92	Ohki	250	216	
	A29	5,132,526	7/21/92	Iwasaki	250	201.3	
	A30	5,139,025	8/18/92	Lewis et al.	128	665	
	A31	5,161,053	11/3/92	Dabbs	359	384	
	A32	5,162,641	11/10/92	Fountain	250	201.2	
	A33	5,162,941	11/10/92	Favro et al.	359	386	
	A34	5,168,157	12/1/92	Kimura	250	234	
	A35	5,192,980	3/9/93	Dixon et al.	356	326	
	A36	Re. 34,214	4/6/93	Carlsson et al.	358	93	
	A37	5,201,318	4/13/93	Rava et al.	128	665	
	A38	5,225,671	7/6/93	Fukuyama	250	216	
	A39	5,235,457	8/10/93	Lichtman et al.	359	368	
	A40	5,239,178	8/24/93	Derndinger et al.	250	234	
	A41	5,248,876	9/28/93	Kerstens et al.	250	561	
	A42	5,260,569	11/9/93	Kimura	250	234	
	A43	5,260,578	11/9/93	Bliton et al.	250	461.1	
	A44	5,262,646	11/16/93	Booker et al.	250	341	
	A45	5,274,240	12/28/93	Mathies et al.	250	458.1	
	A46	5,284,149	2/8/94	Dhadwal et al.	128	665	
	A47	5,286,964	2/15/94	Fountain	250	201.2	
EXAMINER				DATE CONSIDERED			



FORM PTO - 1449				ATTORNEY DOCKET NO.: MDS-009CN (6219/15)			
INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Modell et al.			
				SERIAL NO.: 09/841,325			
				FILING DATE: April 24, 2001 GROUP: 3737			
U.S. PATENT DOCUMENTS							
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A48	5,294,799	3/15/94	Aslund et al.	250	458.1	
	A49	5,296,700	3/22/94	Kumagai	250	216	
	A50	5,303,026	4/12/94	Strobl et al.	356	318	
	A51	5,306,902	4/26/94	Goodman	250	201.3	
	A52	5,313,567	5/17/94	Civanlar et al	395	124	
	A53	5,324,979	6/28/94	Rosenthal	250	504R	
	A54	5,319,200	6/7/94	Rosenthal et al.	250	341	
	A55	5,329,352	7/12/94	Jacobsen	356	301	
	A56	5,343,038	8/30/94	Nishiwaki et al.	250	234	
	A57	5,345,306	9/6/94	Ichimura et al.	356	346	
	A58	5,418,797	5/23/95	Bashkansky et al.	372	3	
	A59	5,421,337	6/6/95	Richards-Kortum et al.	128	665	
	A60	5,451,931	9/19/95	Muller et al.	340	630	
	A61	5,477,382	12/19/95	Pernick	359	559	
	A62	5,480,775	1/2/96	Ito et al.	435	7.2	
	A63	5,493,444	2/20/96	Khoury et al.	359	559	
	A64	5,587,832	12/24/96	Krause	359	385	
EXAMINER				DATE CONSIDERED			



FORM PTO - 1449	ATTORNEY DOCKET NO.: MDS-009CN (6219/15)
INFORMATION DISCLOSURE STATEMENT	APPLICANT(S): Modell et al.
	SERIAL NO.: 09/841,325
	FILING DATE: April 24, 2001 GROUP: 3737

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

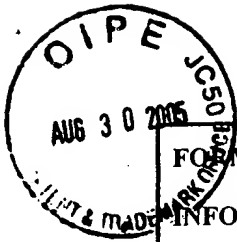
FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B1	SUI223092	4/7/86	Boro					
	B2	EP-A-0280418	8/31/88						
	B3	EP-A-0335725	10/4/89						
	B4	EP-A-0474264	3/11/92						
	B5	EP-A-0641542	3/8/95						
	B6	WO 94/26168	11/24/94	PCT					
	B7	WO 97/05473	2/13/97	PCT					

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	C1	P. Davidovits et al. "Scanning Laser Microscope for Biological Investigations", Applied Optics, Vol. 10, No. 7, pp. 1615-1619, July 1971.							
	C2	C.J.R. Sheppard et al. "Depth of Field in the Scanning Microscope", Optics Letters, Vol. 3, No. 3, September 1978, pp. 115-117.							
	C3	C.J. Koester, "Scanning Mirror Microscope with Optical Sectioning Characteristics: Applications in Ophthalmology", Applied Optics. Vol. 19, No. 11, June 1980, pp. 1749-1757.							
	C4	T. Wilson., "The Role of the Pinhole in Confocal Imaging Systems", Confocal Microscopy Handbook, pp. 99-113.							
	C5	C. Koester, "Comparison of Optical Sectioning Methods: The Scanning Slit Confocal Microscope", Confocal Microscope Handbook, pp. 189-194.							

EXAMINER	DATE CONSIDERED
----------	-----------------



FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-009CN (6219/15)

APPLICANT(S): Modell et al.

SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001 GROUP: 3737

U.S. PATENT DOCUMENTS

EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAM. INIT.	DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)							
	C6	Jeffrey W. Hall, et al. "Near-Infrared Spectrophotometry: A New Dimension in Clinical Chemistry", Clin. Chem 38/9, 1623-1631 (1992).						
	C7	Kevin T. Schomacker, et al. "Ultraviolet Laser-Induced Fluorescence of Colonic Tissue; Basic Biology and Diagnostic Potential", Lasers in Surgery and Medicine, 12: 63-78, (1992).						
	C8	S. Schwartz, "Real-time laser-scanning Confocal ratio imaging", American Laboratory, pp. 53-62 April 1993.						
	C9	R. Richards-Kortum et al. "Description and Performance of a Fiber-optic Confocal Fluorescence Spectrometer, Applied Spectroscopy, Vol. 48, No. 3 pp. 350-355. (1994).						
	C10	J.M. Schmitt et al. "Interferometric Versus Confocal Techniques for Imaging Microstructures in Turbid Biological Media", Proc. SPIE, 2135 (1994), pp. 1-12.						
	C11	N. Ramanuiam et al. "Fluorescence Spectroscopy; A Diagnostic Tool for Cervical Intraepithelial Neoplasia (CIN), Gynecologic Oncology 52, pp. 31-38 (1994).						
	C12	S.G. Anderson, "Confocal Laser Microscopes See A Wider Field of Application", Laser Focus World, pp. 83-86, February 1994.						
	C13	J.M. Schmitt et al. "Confocal Microscopy in Turbid Media", J. Opt. Soc. Am., Vol. 11, pp. 2225-2235, August 1994.						
	C14	N. Ramanuiam et al. "In vivo diagnosis of cervical intraepithelial neoplasia using 337-nm-excited laser-induced fluorescence", Pro. Natl. Acad. Sci. USA, Vol. 91, pp. 10193-10197, October 1994.						

EXAMINER

DATE CONSIDERED



COPY

EXPRESS MAIL MAILING LABEL

NO. EV631055391US

MDS-009CN (6219/15)

The "RECEIVED" stamp of the Patent Office imprinted hereon acknowledges the filing of:

Transmittal Form (1 pg.); Amendment and Response (11 pgs.); Request for Consideration of References Previously Submitted (3 pgs.); Copies of the Information Disclosure Statement, related papers (10 pgs.), and copies of references (B1-B7, C1-C14), originally submitted to the USPTO on August 31, 2001, and stamped as received by the USPTO on September 4, 2001; Copies of the Supplemental Information Disclosure Statement, related papers (9 pgs.), and copies of references (B8-B14), originally submitted to the USPTO on October 5, 2001, and stamped as received by the USPTO on December 11, 2001; Copies of the Second Supplemental Information Disclosure Statement, related papers (17 pgs.), and copies of references (B15-B27, C15-C107), originally submitted to the USPTO on July 10, 2003, and stamped as received by the USPTO on July 14, 2003; and this return receipt postcard, all mailed under Certificate of First Class Mailing.

Name of Applicant: Modell et al.

Serial Number: 09/841,325

Atty: TCMeyers/ESaarmaa

Date: December 1, 2003



2716492



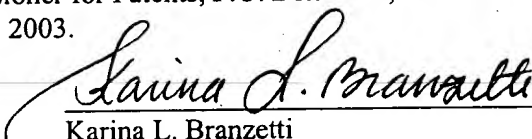
PATENT
Attorney Docket No. MDS-009CN

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Modell et al.
SERIAL NO.: 09/841,325 GROUP NO.: 3737
FILING DATE: April 24, 2001 EXAMINER: Smith, Ruth S.
TITLE: SPECTRAL VOLUME MICROPROBE ARRAYS

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in a box addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 15th day of December, 2003.


Karina L. Branzetti

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith is/are:

1. Transmittal Form (1 pg.);
2. Amendment and Response (11 pgs.);
3. Request for Consideration of References Previously Submitted (3 pgs.)
4. Copies of the Information Disclosure Statement, related papers (10 pgs.), and copies of references (B1-B7, C1-C14), originally submitted to the USPTO on August 31, 2001, and stamped as received by the USPTO on September 4, 2001;
5. Copies of the Supplemental Information Disclosure Statement, related papers (9 pgs.), and copies of references (B8-B14), originally submitted to the USPTO on October 5, 2001, and stamped as received by the USPTO on December 11, 2001;
6. Copies of the Second Supplemental Information Disclosure Statement, related papers (17 pgs.), and copies of references (B15-B27, C15-C107), originally submitted to the USPTO on July 10, 2003, and stamped as received by the USPTO on July 14, 2003; and
7. Return receipt postcard.



PATENT
Atty. Docket No. MDS-009CN
(6219/15)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Modell et al.
SERIAL NUMBER: 09/841,325 ART UNIT: 3737
FILING DATE: April 24, 2001 EXAMINER: Smith, Ruth S.
TITLE: Spectral Volume Microprobe Arrays

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CONSIDERATION OF REFERENCES PREVIOUSLY SUBMITTED

Sir:

This paper is submitted in response to Office Action, Paper No. 8, mailed from the U.S. Patent and Trademark Office ("PTO") on September 2, 2003, in connection with the patent application identified above. The Examiner included with the Office Action copies of previously submitted PTO-1449 forms. The Examiner indicated she did not consider any of the Foreign Patent Documents (B References) or any of the Other Art, Journal Articles, Etc. (C References). The Examiner indicated "No Copies" on each of the PTO-1449 Forms regarding the B and C references. Applicants hereby request an initialed copy of each of the PTO-1449 forms previously submitted in connection with this application. PTO-1449 forms were submitted on August 31, 2001, October 5, 2001, and July 10, 2003.

PTO-1449 Form Submitted on August 31, 2001

According to the requirements of 37 C.F.R. § 1.8 and as indicated on the enclosed documents, on August 31, 2001 Applicants submitted to the PTO an Information Disclosure Statement including form PTO-1449. Applicant subsequently received the return receipt postcard stamped as received by the PTO on September 4, 2001. A copy of this postcard is enclosed.

Applicants submit that the required documents were timely and properly submitted to the PTO as evidenced by the enclosed Certificate of First Class Mail identifying the required documents and the return receipt postcards acknowledging receipt of same and stamped as received by the PTO on September 4, 2001.

Request for Consideration of Reference Previously Submitted
Docket No. MDS-009CN
Serial No. 09/841,325
Filing Date: April 24, 2001

Accordingly, Applicants enclose herewith a copy of the PTO-1449 form that was submitted on September 4, 2001 and a copy of the B (B1-B7) and C (C1-C14) references cited. Applicants hereby request that the Examiner initial the references on the enclosed copy of this PTO-1449, indicating that these references have been considered.

PTO-1449 Form Submitted on October 5, 2001

According to the requirements of 37 C.F.R. § 1.8 and as indicated on the enclosed documents, on October 5, 2001 Applicants submitted to the PTO a Supplemental Information Disclosure Statement including form PTO-1449. Applicant subsequently received the return receipt postcard stamped as received by the PTO on December 11, 2001. A copy of this postcard is enclosed.

Applicants submit that the required documents were timely and properly submitted to the PTO as evidenced by the enclosed Certificate of First Class Mail identifying the required documents and the return receipt postcards acknowledging receipt of same and stamped as received by the PTO on December 11, 2001.

Accordingly, Applicants enclose herewith a copy of the PTO-1449 form that was submitted on October 5, 2001 and a copy of the B (B8-B14) references cited. Applicants hereby request that the Examiner initial the references on the enclosed copy of this PTO-1449, indicating that these references have been considered.

PTO-1449 Form Submitted on July 10, 2003

According to the requirements of 37 C.F.R. § 1.8 and as indicated on the enclosed documents, on July 10, 2003 Applicants submitted to the PTO a Second Supplemental Information Disclosure Statement including form PTO-1449. Applicant subsequently received two return receipt postcards (one corresponding to references A133-A192 and one corresponding to references B15-B27) each stamped as received by the PTO on July 14, 2003. A copy of these postcards are enclosed.

Applicants submit that the required documents were timely and properly submitted to the PTO as evidenced by the enclosed Certificate of First Class Mail identifying the required documents and the return receipt postcards acknowledging receipt of same and stamped as received by the PTO on July 14, 2003.


Accordingly, Applicants enclose herewith a copy of the PTO-1449 form that was submitted on July 10, 2003 and a copy of the B (B15-B27) and C (C15-C107) references cited. Applicants hereby request that the Examiner initial the references on the enclosed copy of this PTO-1449, indicating that these references have been considered.

Request for Consideration of Reference Previously Submitted
Docket No. MDS-009CN
Serial No. 09/841,325
Filing Date: April 24, 2001

Applicants believe no fees are due upon submission of this paper. If any fees are due, the Commissioner is hereby authorized to charge them to Deposit Account No. 20-0531.

Respectfully submitted,

Date: December 1, 2003
Reg. No. 36,989
Tel. No. (617) 248-7013
Fax No. (617) 790-0321



Thomas C. Meyers
Attorney for Applicant
Testa, Hurwitz, & Thibault, LLP
125 High Street
Boston, MA 02110

2716508



COPY

EXPRESS MAIL MAILING LABEL
NO. EV6310 55399US

MDS-009CN (6219/15)

The "Received" stamp of the U.S. Patent Office imprinted hereon acknowledges the receipt and filing of the following documents:

Transmittal Form (1 pg.); Supplemental Information Disclosure Statement (2 pgs.); PTO Form 1449 (4 pgs.); copies of the cited references A65-A132 and B8-B14; and this return receipt postcard, all mailed under Certificate of First Class Mailing.

Applicants: Modell et al.

Serial No.: 09/841,325

Atty: John V. Bianco

Date: October 5, 2001
2191618





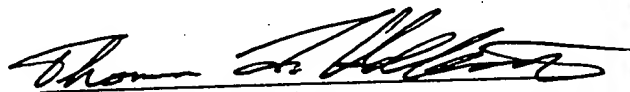
PATENT
Attorney Docket No. MDS-009CN (6219/15)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Modell et al.
SERIAL NO.: 09/841,325 GROUP NO.: 3737
FILING DATE: April 24, 2001 EXAMINER: Not yet assigned
TITLE: Spectral Volume Microprobe Arrays

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on this 5 day of August, 2001.


Thomas F. Hellenthal

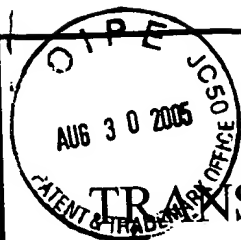
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith is/are:

1. Transmittal Form (1 page);
2. Supplemental Information Disclosure Statement (2 pages);
3. PTO Form 1449 (4 pages);
and copies of the cited references A65-A132 and B8-B14
4. Return-receipt postcard.

2191569



TRANSMITTAL FORM

Application Serial Number	09/841,325
Filing Date	April 24, 2001
First Named Inventor	Modell et al.
Group Art Unit	3737
Examiner Name	Not yet assigned
Attorney Docket No.	MDS-009CN
BATCH NO. (after allowance)	Not applicable
Patent No.	Not applicable
Issue Date	Not applicable

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form	<input type="checkbox"/> Copy of Notice to File Corrected Application Papers (PTO-1553)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences
<input type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____]	<input type="checkbox"/> Formal Drawing(s)	<input type="checkbox"/> Appeal Brief (in triplicate)
<input type="checkbox"/> Petition for Extension of Time	<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal	<input type="checkbox"/> Status Inquiry
<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations A65-A132 and B8-B14	<input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)	<input checked="" type="checkbox"/> Return Receipt Postcard
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8
<input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application	<input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8
	<input type="checkbox"/> Small Entity Statement	<input type="checkbox"/> Additional Enclosure(s) (please identify below)
	<input type="checkbox"/> CD(s) for large table or computer program	
	<input type="checkbox"/> Amendment After Allowance	
	<input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	

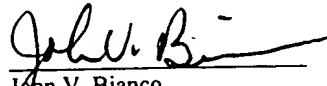
CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator
Testa, Hurwitz & Thibault, LLP
High Street Tower
125 High Street
Boston, MA 02110
Tel. No.: (617) 248-7000
Fax No.: (617) 248-7100

SIGNATURE BLOCK

Date: October 5, 2001
Reg. No. 36,748
Tel. No.: (617) 248-7870
Fax No.: (617) 248-7100

Respectfully submitted,


John V. Bianco
Attorney for Applicants
Testa, Hurwitz & Thibault, LLP
High Street Tower
125 High Street
Boston, MA 02110



PATENT
Attorney Docket No. MDS-009CN
(6219/15)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Modell et al.
SERIAL NO.: 09/841,325 GROUP NO.: 3737
FILING DATE: April 24, 2001 EXAMINER: Not yet assigned
TITLE: Spectral Volume Microprobe Arrays

Assistant Commissioner for Patents
Washington, D.C. 20231

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

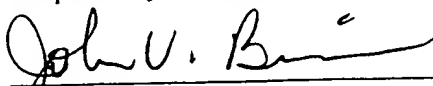
- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Date: October 5, 2001
Reg. No. 36,748

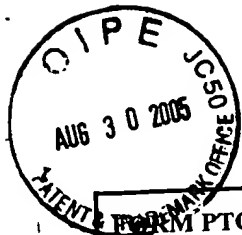
Tel. No.: (617) 248-7870
Fax No.: (617) 248-7100

2191602

Respectfully submitted,



John V. Bianco
Attorney for Applicants
Testa, Hurwitz, & Thibeault, LLP
High Street Tower
125 High Street
Boston, Massachusetts 02110



FORM PTO - 1449

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-009CN

APPLICANT(S): Modell et al.

SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001

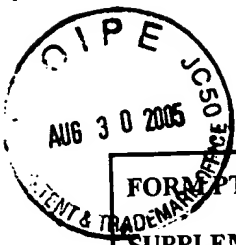
GROUP: 3737

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A65	3,809,072	5/7/74	Ersek et al.	128	23	
	A66	4,662,360	5/5/87	O'Hara et al.	128	9	
	A67	4,741,326	5/3/88	Sidall et al.	128	4	
	A68	4,768,513	9/6/88	Suzuki	128	634	
	A69	4,877,033	10/31/89	Seitz, jr.	128	660.05	
	A70	4,878,485	11/07/89	Adair	128	6	
	A71	4,891,829	1/2/90	Deckman et al.	378	4	
	A72	4,945,478	7/31/90	Merickel et al.	364	413.22	
	A73	4,974,580	12/04/90	Anapliotis	128	4	
	A74	4,979,498	12/25/90	Oneda et al.	128	6	
	A75	5,003,979	4/2/91	Merickel et al.	364	413.22	
	A76	5,022,757	6/11/91	Modell	356	318	
	A77	5,036,853	8/6/91	Jeffcoat et al.	128	634	
	A78	5,154,166	10/13/92	Chikama	128	4	
	A79	5,159,919	11/03/92	Chikama	128	4	
	A80	5,201,908	4/13/93	Jones	128	4	
	A81	5,237,984	8/24/93	Williams, III et al.	128	4	
	A82	5,257,617	11/2/93	Takahashi	128	4	
	A83	5,261,410	11/16/93	Alfano et al.	128	664	
	A84	5,321,501	6/14/94	Swanson et al.	356	345	
	A85	5,325,846	7/5/94	Szabo	128	4	
	A86	5,337,734	8/16/94	Saab	128	4	
	A87	5,398,685	3/21/95	Wilk et al.	128	653.1	
	A88	5,402,768	4/4/95	Adair	128	4	
	A89	5,406,939	4/18/95	Bala	128	4	
	A90	5,413,092	5/9/95	Williams, III et al.	128	4	

EXAMINER

DATE CONSIDERED



FORM PTO - 1449

**SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT**

ATTORNEY DOCKET NO.: MDS-009CN

APPLICANT(S): Modell et al.

SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001 GROUP: 3737

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A91	5,413,108	5/9/95	Alfano	128	665	
	A92	5,415,157	5/16/95	Welcome	128	4	
	A93	5,419,311	5/30/95	Yabe et al.	128	4	
	A94	5,421,339	6/6/95	Ramanujam et al.	128	665	
	A95	5,458,132	10/17/95	Yabe et al.	128	4	
	A96	5,458,133	10/17/95	Yabe et al.	600	121	
	A97	5,507,295	4/16/96	Skidmore	600	121	
	A98	5,516,010	5/14/96	O'Hara et al.	600	122	
	A99	5,529,235	6/25/96	Bolarski et al.	227	175.1	
	A100	5,536,236	7/16/96	Yabe et al.	600	125	
	A101	5,545,121	8/13/96	Yabe et al.	600	121	
	A102	5,551,945	9/3/96	Yabe et al.	600	122	
	A103	5,556,367	9/17/96	Yabe et al.	600	124	
	A104	5,596,992	1/28/97	Haaland et al.	128	664	
	A105	5,609,560	3/11/97	Ichikawa et al.	600	101	
	A106	5,623,932	4/29/97	Ramanujam et al.	128	665	
	A107	5,662,588	9/2/97	Lida	600	121	
	A108	5,685,822	11/11/97	Harhen	600	125	
	A109	5,693,043	12/2/97	Kittrell et al.	606	15	
	A110	5,695,448	12/9/97	Kimura et al.	600	121	
	A111	5,704,892	1/6/98	Adair	600	121	
	A112	5,707,343	1/13/98	O'Hara et al.	600	121	
	A113	5,713,364	2/3/98	DeBaryshe et al.	128	664	
	A114	5,730,701	3/24/98	Furukawa et al.	600	127	
	A115	5,733,244	3/31/98	Yasui et al.	600	127	
	A116	5,746,695	5/5/98	Yasui et al.	600	127	
	A117	5,768,333	6/16/98	Abdel-Mottaleb	378	37	
	A118	5,769,792	6/23/98	Palcic et al.	600	477	

EXAMINER

DATE CONSIDERED



FORM PTO - 1449

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-009CN

APPLICANT(S): Modell et al.

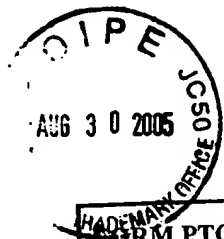
SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001 GROUP: 3737

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A119	5,795,632	8/18/98	Buchalter	428	35.2	
	A120	5,800,350	9/1/98	Coppleson et al.	600	372	
	A121	5,807,248	9/15/98	Mills	600	322	
	A122	5,813,987	9/29/98	Modell et al.	600	473	
	A123	5,817,015	10/6/98	Adair	600	121	
	A124	5,833,617	11/10/98	Hayashi	600	476	
	A125	5,855,551	1/5/99	Sklandnev et al.	600	372	
	A126	5,860,913	1/19/99	Yamaya et al.	600	127	
	A127	5,865,726	2/2/99	Katsurada et al.	600	127	
	A128	5,876,329	3/2/99	Harhen	600	125	
	A129	6,104,945	8/15/00	Modell et al.	600	473	
	A130	6,119,031	9/12/00	Crowley	600	407	
	A131	6,146,897	11/14/00	Cohenford et al.	436	63	
	A132	6,169,817 B1	1/2/01	Parker et al.	382	131	

EXAMINER

DATE CONSIDERED



FORM PTO - 1449

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-009CN

APPLICANT(S): Modell et al.

SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001

GROUP: 3737

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B8	1 223 092	4/7/86	SU				In English	N
	B9	0 135 134	3/27/85	EP					Y
	B10	0 689 045 A1	12/27/95	EP					Y
	B11	WO 93/14688	8/5/93	PCT					Y
	B12	WO 95/04385	2/9/95	PCT					Y
	B13	WO 98/30889	2/13/97	PCT					Y
	B14	WO 98/41176	9/24/98	PCT					Y

2191413

EXAMINER

DATE CONSIDERED



MDS-009CN
(6219/15)

The "RECEIVED" stamp of the Patent Office imprinted hereon acknowledges the filing of:

Transmittal Form (1 pg.); Second Supplemental Information Disclosure Statement (3 pgs.); Form PTO-1449 (9 pgs.); Cited References A133-A192; Certificate of First Class Mailing Under 37 C.F.R. 1.8 (1 pg.); and this Return Receipt Postcard, all in **BOX 1 OF 2** of this submission.

(**BOX 2 OF 2** of this submission contains the remaining Cited References listed in the Form PTO-1449.)

Name of Applicant: Modell *et al.*
Serial Number: 09/841,325
Atty: JVBianco/ESaarmaa
Date: July 10, 2003
2651666



The "RECEIVED" stamp of the Patent Office imprinted hereon acknowledges the filing of:

Transmittal Form (1 pg.); Second Supplemental Information Disclosure Statement (3 pgs.); Form PTO-1449 (9 pgs.); Cited References A133-A192; Certificate of First Class Mailing Under 37 C.F.R. 1.8 (1 pg.); and this Return Receipt Postcard, all in **BOX 1 OF 2** of this submission.
(**BOX 2 OF 2** of this submission contains the remaining Cited References listed in the Form PTO-1449.)

Name of Applicant: Modell *et al.*
Serial Number: 09/841,325
Atty: JVBianco/ESaarmaa
Date: July 10, 2003
2651666

MDS-009CN
(6219/15)



COPY

EXPRESS MAIL MAILING LABEL
NO. EV631055399US

MDS-009CN
(6219/15)

The "RECEIVED" stamp of the Patent Office imprinted hereon acknowledges the filing of:

Cited References B15-B27 and C15-C107; Certificate of First Class Mailing Under 37 C.F.R. 1.8 (1 pg.); and this Return Receipt Postcard, all in BOX 2 OF 2 of this submission.

Name of Applicant: Modell *et al.*
Serial Number: 09/841,325
Atty: JVBianco/ESaarmaa
Date: July 10, 2003

2647105



The "RECEIVED" stamp of the Patent Office imprinted hereon acknowledges the filing of:

Cited References B15-B27 and C15-C107; Certificate of First Class Mailing Under 37 C.F.R. 1.8 (1 pg.); and this Return Receipt Postcard, all in BOX 2 OF 2 of this submission.

Name of Applicant: Modell *et al.*
Serial Number: 09/841,325
Atty: JVBianco/ESaarmaa
Date: July 10, 2003

2647105

MDS-009CN
(6219/15)



PATENT
Attorney Docket No.: MDS-009CN
(6219/15)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Modell *et al.*
SERIAL NO.: 09/841,325 GROUP NO.: 3737
FILING DATE: April 24, 2001 EXAMINER: Not yet assigned
TITLE: Spectral Volume Microprobe Arrays

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any documents referred to as enclosed herein, are being deposited with the United States Postal Service as first class mail, postage prepaid, in a box addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 10 day of July, 2003.


Karina L. Branzetti

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith in **BOX 1 OF 2** are:

1. Transmittal Form (1 pg.);
2. Second Supplemental Information Disclosure Statement (3 pgs.);
3. Form PTO-1449 (9 pgs.);
4. Cited References A133-A192; and
5. Return Receipt Postcard.

Note that Cited References B15-B27 and C15-C107 are mailed in **BOX 2 OF 2** of this submission.



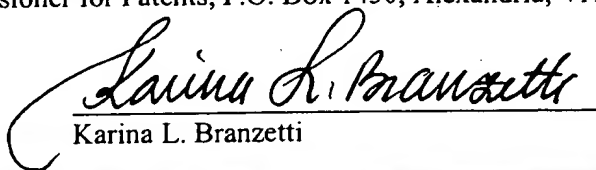
PATENT
Attorney Docket No.: MDS-009CN
(6219/15)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Modell *et al.*
SERIAL NO.: 09/841,325 GROUP NO.: 3737
FILING DATE: April 24, 2001 EXAMINER: Not yet assigned
TITLE: Spectral Volume Microprobe Arrays

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any documents referred to as enclosed herein, are being deposited with the United States Postal Service as first class mail, postage prepaid, in a box addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 10 day of July, 2003.


Karina L. Branzetti

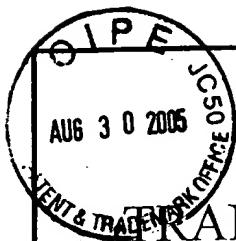
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith in **BOX 2 OF 2** are:

1. Cited References B15-27 and C15-C107; and
2. Return Receipt Postcard.

2647148



TRANSMITTAL FORM

Application Serial Number	09/841,325
Filing Date	April 24, 2001
First Named Inventor	Modell
Group Art Unit	3737
Examiner Name	Not yet assigned
Attorney Docket No.	MDS-009CN
Patent No.	Not applicable
Issue Date	Not applicable


ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> CD(s) for large table or computer program <input type="checkbox"/> Amendment After Allowance <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <input type="checkbox"/> Appeal Brief (in triplicate) <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <input type="checkbox"/> Additional Enclosure(s) (please identify below)
<input type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]		
<input type="checkbox"/> Petition for Extension of Time		
<input checked="" type="checkbox"/> Second Supplemental Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations (A133-A192, B15-B27 and C15-C107)		
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above		

CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator
Testa, Hurwitz & Thibault, LLP
High Street Tower
125 High Street
Boston, MA 02110
Tel. No.: (617) 248-7000
Fax No.: (617) 248-7100

SIGNATURE BLOCK

Respectfully submitted,

John V. Bianco
Attorney for Applicants
Testa, Hurwitz & Thibault, LLP
High Street Tower
125 High Street
Boston, MA 02110

Date: July 10, 2003
Reg. No.: 36,748
Tel. No.: (617) 248-7870
Fax No.: (617) 248-7100



PATENT
Attorney Docket No.: MDS-009CN
(6219/15)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Modell *et al.*
SERIAL NO.: 09/841,325 GROUP NO.: 3737
FILING DATE: April 24, 2001 EXAMINER: Not yet assigned
TITLE: Spectral Volume Microprobe Arrays

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or
- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**

☐ the requisite Statement is below, AND

☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely \$180.00 is included herein.

In addition, Applicants wish to call to the Examiner's attention Office Actions issued in the following commonly-owned, co-pending patent applications:

- 1) U.S. Serial No. 09/591,706, Attorney Docket No. MDS-012, filed on 6/9/00, by Nordstrom et al.;
- 2) U.S. Serial No. 09/738,614, Attorney Docket No. MDS-013A, filed on 12/15/00, by Kaufman et al.;
- 3) U.S. Serial No. 10/068,133, Attorney Docket No. MDS-013AC2, filed on 2/5/02, by Kaufman et al.;
- 4) U.S. Serial No. 09/738,147, Attorney Docket No. MDS-013B, filed on 12/15/00, by Kaufman et al.;
- 5) U.S. Serial No. 10/411,777, Attorney Docket No. MDS-013BC1, filed on 4/11/03, by Kaufman et al.;
- 6) U.S. Serial No. 10/178,772, Attorney Docket No. MDS-014CN, filed on 6/24/02, by Modell et al.;
- 7) U.S. Serial No. 10/122,429, Attorney Docket No. MDS-015CN, filed on 4/12/02, by Nordstrom et al.;
- 8) U.S. Serial No. 09/481,762, Attorney Docket No. MDS-016, filed on 1/11/00, by Modell et al.;
- 9) U.S. Serial No. 09/738,612, Attorney Docket No. MDS-020, filed on 12/15/00, by Costa et al.;
- 10) U.S. Serial No. 10/071,932, Attorney Docket No. MDS-022C1, filed on 2/8/02, by Nordstrom et al.;
- 11) U.S. Serial No. 10/192,820, Attorney Docket No. MDS-028, filed on 7/10/02, by Schomacker et al.;
- 12) U.S. Serial No. 10/099,881, Attorney Docket No. MDS-030, filed on 3/15/02, by Kaufman et al.;
- 13) U.S. Serial No. 10/273,511, Attorney Docket No. MDS-031, filed on 10/18/02, by Clune et al.;
- 14) U.S. Serial No. 10/192,836, Attorney Docket No. MDS-032, filed on 7/10/02, by Zelenchuk;
- 15) U.S. Serial No. 10/243,535, Attorney Docket No. MDS-033, filed on 9/13/02, by Schomacker et al.;
- 16) U.S. Serial No. 10/295,794, Attorney Docket No. MDS-034, filed on 11/15/02, by Schomacker et al.;
- 17) U.S. Serial No. 10/418,922, Attorney Docket No. MDS-035, filed on 4/18/03, by Flewelling et al.;
- 18) U.S. Serial No. 10/418,902, Attorney Docket No. MDS-035A, filed on 4/18/03, by Jiang et al.;
- 19) U.S. Serial No. 10/418,974, Attorney Docket No. MDS-035B, filed on 4/18/03, by Jiang;
- 20) U.S. Serial No. 10/418,668, Attorney Docket No. MDS-035D, filed on 4/18/03, by Costa et al.;
- 21) U.S. Serial No. 10/418,975, Attorney Docket No. MDS-035E, filed on 4/18/03, by Jiang et al.;
- 22) U.S. Serial No. 10/418,415, Attorney Docket No. MDS-035F, filed on 4/18/03, by Schomacker et al.;
- 23) U.S. Serial No. 10/419,181, Attorney Docket No. MDS-035G, filed on 4/18/03, by Jiang et al.; and
- 24) U.S. Serial No. 10/418,973, Attorney Docket No. MDS-035H, filed on 4/18/03, by Schomacker et al.

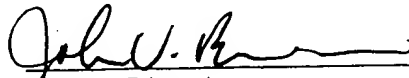
It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Respectfully submitted,



John V. Bianco
Attorney for Applicants
Testa, Hurwitz, & Thibault, LLP
High Street Tower
125 High Street
Boston, Massachusetts 02110

Date: July 10, 2003
Reg. No.: 36,748

Tel. No.: (617) 248-7870
Fax No.: (617) 248-7100



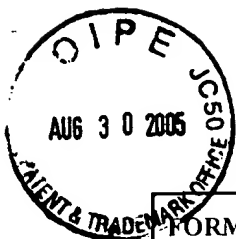
FORM PTO - 1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTORNEY DOCKET NO.: MDS-009CN APPLICANTS: Modell <i>et al.</i> SERIAL NO.: 09/841,325 FILING DATE: April 24, 2001 GROUP: 3737
--	--

U.S. PATENT DOCUMENTS

EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A133	2002/0007123 A1	Balas et al	600	476	12/15/00
	A134	3,632,865	Haskell et al.	178	6	12/23/69
	A135	3,890,462	Limb et al	178	6.8	04/17/74
	A136	3,963,019	Quandt et al	128	2	11/25/74
	A137	4,071,020	Puglise et al	128	2	06/3/76
	A138	4,218,703	Netravali et al	358	136	03/16/79
	A139	4,273,110	Groux	128	6	07/11/79
	A140	4,549,229	Nakano et al	360	8	1/31/83
	A141	4,800,571	Konishi	375	10	01/11/88
	A142	5,048,946	Sklar et al	351	206	05/15/90
	A143	5,203,328	Samuels et al	128	633	07/17/91
	A144	5,253,071	MacKay	358	222	12/20/91
	A145	5,289,274	Kondo	348	208	1/31/92
	A146	5,345,941	Rava et al	128	665	3/1/93
	A147	5,349,961	Stoddart et al	128	665	09/27/94
	A148	5,419,323	Kittrell et al	128	653	11/17/89
	A149	5,424,543	Dombrowski et al	250	330	04/19/93
	A150	5,450,857	Garfield et al.	128	778	05/19/94
	A151	5,467,767	Alfano et al	128	665	08/27/93
	A152	5,519,545	Kawahara	360	46	11/29/94
	A153	5,562,100	Kittrell et al	128	665	05/25/94
	A154	5,579,773	Vo-Dinh et al	128	665	09/30/94
	A155	5,582,168	Samuels et al	128	633	01/22/93
	A156	5,599,717	Vo-Dinh	436	63	9/2/94
	A157	5,612,540	Richards-Korum et al	250	461.2	3/31/95
	A158	5,647,368	Zeng et al	128	665	02/28/96

EXAMINER

DATE CONSIDERED



FORM PTO - 1449	ATTORNEY DOCKET NO.: MDS-009CN
SECOND SUPPLEMENTAL	APPLICANTS: Modell <i>et al.</i>
INFORMATION DISCLOSURE STATEMENT	SERIAL NO.: 09/841,325
	FILING DATE: April 24, 2001
	GROUP: 3737

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A159	5,697,373	12/16/97	Richards-Kortum et al	128	664	03/14/95
	A160	5,699,795	12/23/97	Richards-Kortum	128	634	12/23/97
	A161	5,717,209	2/10/98	Bigman et al	250	339.12	4/29/96
	A162	5,735,276	04/7/98	Lemelson et al	128	653	03/21/95
	A163	5,773,835	6/30/98	Sinofsky et al	250	462.1	06/7/96
	A164	5,791,346	08/11/98	Craine et al.	128	653	8/22/96
	A165	5,840,035	11/24/98	Heusmann et al.	600	47	2/1/96
	A166	5,842,995	12/1/98	Mahadevan-Jansen et al	600	473	6/28/96
	A167	5,920,399	7/6/99	Sandison et al.	356	418	3/18/97
	A168	5,921,926	07/13/99	Rolland et al.	600	407	12/31/97
	A169	5,929,985	07/27/99	Sandison et al	365	318	3/18/97
	A170	5,931,779	08/03/99	Arakaki et al.	600	310	6/6/97
	A171	5,938,617	08/17/99	Vo-Dinh	600	476	12/3/96
	A172	5,989,184	11/23/99	Blair et al	600	167	12/5/97
	A173	5,991,653	11/23/99	Richards-Kortum et al	660	475	6/19/96
	A174	6,069,689	05/30/00	Zeng et al	356	773	4/14/98
	A175	6,091,985	7/18/00	Alfano et al.	600	476	1/23/98
	A176	6,095,982	8/1/00	Richards-Kortum et al	600	476	12/11/97
	A177	6,208,887 B1	03/27/01	Clarke et al	600	476	6/24/99
	A178	6,241,662 B1	06/5/01	Richards-Kortum et al	600	310	10/20/98
	A179	6,246,479 B1	06/12/01	Jung et al	356	419	12/23/99
	A180	6,285,639 B1	9/4/01	Maenza et al	369	47.28	4/29/98
	A181	6,377,842 B1	4/23/02	Pogue et al	600	478	8/23/99
	A182	6,385,484 B2	5/7/02	Nordstrom et al.	600	476	12/15/00
	A183	6,411,835 B1	6/25/02	Modell et al.	600	407	2/2/99
	A184	6,411,838 B1	6/25/02	Nordstrom et al.	600	476	12/22/99

EXAMINER	DATE CONSIDERED
----------	-----------------



FORM PTO - 1449

SECOND SUPPLEMENTAL

INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-009CN

APPLICANTS: Modell *et al.*

SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001

GROUP: 3737

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A185	6,421,553 B1	7/16/02	Costa et al.	600	476	12/15/00
	A186	6,427,082 B1	7/30/02	Nordstrom et al.	600	476	12/23/99
	A187	5,690,106	11/25/97	Bani-Hashemi et al.	128	653.1	6/30/95
	A188	5,995,645	11/30/99	Soenksen et al.	382	133	12/4/97
	A189	6,058,322	5/2/00	Nishikawa et al.	600	408	7/25/97
	A190	6,246,471 B1	6/12/01	Jung et al.	356	73	1/10/00
	A191	6,312,385 B1	11/6/01	Mo et al.	600	443	5/1/00
	A192	6,317,617 B1	11/13/01	Gilhuijs et al.	600	408	7/25/97

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B15	0 444 689 A2	9/4/91	EP					Y
	B16	0 737 849 A2	10/16/96	EP					Y
	B17	WO 92/19148	11/12/92	PCT			4/29/92		Y
	B18	WO 97/48331	12/24/97	PCT			6/19/97		
	B19	WO 98/05253	02/12/98	PCT			08/2/96		
	B20	WO 98/24369	06/11/98	PCT			11/20/97	N	Y
	B21	WO 99/18847	4/22/99	PCT			12/14/98		Y
	B22	WO 99/20313	4/29/99	PCT			10/20/98		
	B23	WO 99/20314	4/29/99	PCT			10/20/98		
	B24	WO 99/47041	09/23/99	PCT			03/19/99		
	B25	WO 99/57507	11/11/99	PCT			4/30/99		
	B26	WO 99/57529	11/11/99	PCT			5/4/99		
	B27	WO 00/15101	3/23/00	PCT			9/10/99		

EXAMINER

DATE CONSIDERED


 FORM PTO - 1449

 SECOND SUPPLEMENTAL
 INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-009CN

APPLICANTS: Modell *et al.*

SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001

GROUP: 3737

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C15	Agrawal et al. (1999), "Fluorescence Spectroscopy of the Cervix: Influence of Acetic Acid, Cervical Mucus, and Vaginal Medications," <u>Lasers in Surgery and Medicine</u> , 25:237-249.
	C16	Althof et al. (1997), "A rapid and automatic image registration algorithm with subpixel accuracy," <u>IEEE Transactions on Medical Imaging</u> , 16(3):308-316.
	C17	Aström et al. (1999), "Motion estimation in image sequences using the deformation of apparent contours," <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , 21(2):114-127.
	C18	Balakrishnama et al, "Linear Discriminant Analysis - A Brief Tutorial," <u>Institute for Signal and Information Processing Department of Electrical and Computer Engineering</u> , 8 pages.
	C19	Balas (1997), "An Imaging Colorimeter for Noncontact Tissue Color Mapping," <u>IEEE Transactions on Biomedical Engineering</u> , 44(6):468-474.
	C20	Balas (2001), "A Novel Optical Imaging Method for the Early Detection, Quantitative Grading, and Mapping of Cancerous and Precancerous Lesions of Cervix," <u>IEEE Transactions on Biomedical Engineering</u> , 48(1):96-104.
	C21	Balas et al. (1997), "A modular diffuse reflection and fluorescence emission imaging colorimeter for the in-vivo study of parameters related with the phototoxic effect in PDT," <u>SPIE</u> , 3191:50-57.
	C22	Balas et al. (1998), "In Vivo Assessment of Acetic Acid-Cervical Tissue Interaction Using Quantitative Imaging of Back-Scattered Light: Its Potential Use for the In Vivo Cervical Cancer Detection Grading and Mapping," Part of EUROPTO Conference on Optical Biopsy, Stockholm, Sweden, <u>SPIE</u> , Vol. 3568:31-37.
	C23	Balas et al. (1999), "In Vivo Detection and Staging of Epithelial Dysplasias and Malignancies Based on the Quantitative Assessment of Acetic Acid-Tissue Interaction Kinetics," <u>Journal of Photochemistry and Photobiology B: Biology</u> , 53:153-157.
	C24	Bessey et al. (1949), "The Fluorometric measurement of the nucleotides of riboflavin and their concentration in tissues," <u>J. Biol.-Chem.</u> , 180:755-769.
	C25	Bors et al. (1998), "Optical flow estimation and moving object segmentation based on median radial basis function network," <u>IEEE Transactions on Image Processing</u> , 7(5):693-702.
	C26	Bouthemy et al. (1999), "A unified approach to shot change detection and camera motion characterization," <u>IEEE Transactions on Circuits and Systems for Video Technology</u> , 9(7):1030-1044.
	C27	Braichotte et al. (1995), "Clinical Pharmacokinetic Studies of Photofrin by Fluorescence Spectroscopy in the Oral Cavity, the Esophagus, and the Bronchi," <u>Cancer</u> 75(11):2760-2778.
	C28	Brown (1990), "Chemometrics," <u>Anal. Chem.</u> , 62:84R-101R.
	C29	Camus et al. (1997), "Real-time quantized optical flow," <u>Real-Time Imaging</u> , 3:71-86.

EXAMINER

DATE CONSIDERED



FORM PTO - 1449		ATTORNEY DOCKET NO.: MDS-009CN
SECOND SUPPLEMENTAL		APPLICANTS: Modell <i>et al.</i>
INFORMATION DISCLOSURE STATEMENT		SERIAL NO.: 09/841,325
		FILING DATE: April 24, 2001
		GROUP: 3737
OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C30	Caplier et al. (1998), "Real-time implementation of a MRF-based motion detection algorithm," <u>Real-Time Imaging</u> , 4:41-54.
	C31	Contini et al. (1989), "Colposcopy and Computer Graphics: a New Method?" <u>Amer. J. Obstet. Gynecol.</u> , 160(3):535-538.
	C32	Craine et al. (1993), "Digital Imaging Colposcopy: basic concepts and applications," <u>Amer. J. Obstet. Gynecol.</u> , 82(5):869-873.
	C33	Craine et al. (1998), "Digital imaging colposcopy: Corrected area measurements using shape-from-shading," <u>IEEE Transactions on Medical Imaging</u> , 17(6):1003-1010.
	C34	Crisp et al. (1990), "The Computerized Digital Imaging Colposcope: Future Directions," <u>Amer. J. Obstet. Gynecol.</u> , 162(6):1491-1497.
	C35	Cronjé et al. (1997), "Effects of Dilute Acetic Acid on the Cervical Smear," <u>Acta. Cytol.</u> , 41:1091-1094.
	C36	Dickman et al. (2001), "Identification of Cervical Neoplasia Using a Simulation of Human Vision," <u>Journal of Lower Genital Tract Disease</u> , 5(3):144-152.
	C37	Drezek et al. (1999), "Light scattering from cells: finite-difference time-domain simulations and goniometric measurements," <u>Applied Optics</u> 38(16):3651-3661.
	C38	Drezek et al. (2000), "Laser Scanning Confocal Microscopy of Cervical Tissue Before and After Application of Acetic Acid," <u>Am. J. Obstet. Gynecol.</u> , 182(5):1135-1139.
	C39	Dumontier et al. (1999), "Real-time DSP implementation for MRF-based video motion detection," <u>IEEE Transactions on Image Processing</u> , 8(10):1341-1347.
	C40	Earnshaw et al. (1996), "The Performance of Camera Translation Direction Estimators from Optical Flow: Analysis, Comparison, and Theoretical Limits," <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , 18(9):927-932.
	C41	Edebiri, A.A. (1990), "The relative significance of colposcopic descriptive appearances in the dianosis of cervical intraepithelial neoplasia," <u>Int. J. Gynecol. Obstet.</u> , 33:23-29.
	C42	Eisner et al. (1987), "Use of Cross-Correlation Function to Detect Patient Motion During Spectral Imaging," <u>Journal of Nuclear Medicine</u> , 28(1):97-101.
	C43	Ferris et al. (1998), "Colposcopy Quality Control: Establishing Colposcopy Criterion Standards for the NCI ALTS Trial Using Cervigrams," <u>J. Lower Genital Tract Disease</u> , 2(4):195-203.
	C44	Fleet et al. (1995), "Recursive Filters for Optical Flow," <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , 17(1):61-67.
	C45	Gao et al. (1998), "A work minimization approach to image morphing," <u>The Visual Computer</u> , 14:390-400.

EXAMINER

DATE CONSIDERED



FORM PTO - 1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTORNEY DOCKET NO.: MDS-009CN APPLICANTS: Modell <i>et al.</i> SERIAL NO.: 09/841,325 FILING DATE: April 24, 2001 GROUP: 3737
OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C46	Gauch (1999), "Image Segmentation and Analysis Via Multiscale Gradient Watershed Hierarchies," <u>IEEE Transactions on Image Processing</u> , 8(1):69-79.
	C47	Haralick (1984), "Digital Step Edges from Zero Crossing of Second Directional Derivatives," <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , 6(1):58-68.
	C48	Haris et al. (1998), "Hybrid Image Segmentation Using Watersheds and Fast Region Merging," <u>IEEE Transactions on Image Processing</u> , 7(12):1684-1699.
	C49	Helmerhorst et al. (1987), "The accuracy of colposcopically directed biopsy in diagnosis of CIN 2/3." <u>Eur. J. Obstet. Gyn. Reprod. Biol.</u> , 24, 221-229.
	C50	Horn et al. (1981), "Determining Optical Flow," <u>Artificial Intelligence</u> , 17(1-3):185-203.
	C51	Horn et al. (1993), "Determining Optical Flow": a retrospective, <u>Artificial Intelligence</u> , 59:81-87.
	C52	Huang et al. (1979), "A fast two-dimensional median filtering algorithm," <u>IEEE Transactions on Acoustics, Speech, and Signal Processing</u> , 27(1):13-18.
	C53	Jackway (1996), "Gradient Watersheds in Morphological Scale-Space," <u>IEEE Transactions on Image Processing</u> , 5(6):913-921.
	C54	Ji et al. (2000), "Texture Analysis for Classification of Cervix Lesions," <u>IEEE Transactions on Medical Imaging</u> , 19(11):1144-1149.
	C55	Kierkegaard et al. (1995), "Association between Colposcopic Findings and Histology in Cervical Lesions: The Significance of the Size of the Lesion" <u>Gynecologic Oncology</u> , 57:66-71.
	C56	Kumar et al. (1996), "Optical Flow: A Curve Evolution Approach," <u>IEEE Transactions on Image Processing</u> , 5(4):598-610.
	C57	Linde et al. (1980), "An algorithm for vector quantizer design," <u>IEEE Transactions on Communications</u> , 28(1):84-95.
	C58	MacAulay et al. (2002), "Variation of fluorescence spectroscopy during the menstrual cycle," <u>Optics Express</u> , 10(12):493-504.
	C59	MacLean A.B. (1999), "What is Acetowhite Epithelium," <u>Abstract Book; 10th World Congress of Cervical Pathology and Colposcopy</u> , November 7-11, Buenos Aires, Argentina 41.
	C60	Marzetta et al. (1999), "A surprising radon transform result and its application to motion detection," <u>IEEE Transactions on Image Processing</u> , 8(8):1039-1049.
	C61	Miike et al. (1999), "Motion enhancement for preprocessing of optical flow and scientific visualization," <u>Pattern Recognition Letters</u> , 20:451-461.
	C62	Mikhail et al. (1995), "Computerized colposcopy and conservative management of cervical intraepithelial neoplasia in pregnancy," <u>Acta Obstet. Gynecol. Scand.</u> , 74:376-378.
EXAMINER		DATE CONSIDERED



FORM PTO - 1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTORNEY DOCKET NO.: MDS-009CN APPLICANTS: Modell <i>et al.</i> SERIAL NO.: 09/841,325 FILING DATE: April 24, 2001 GROUP: 3737
--	--

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C63	Milanfar (1999), "Two-dimensional matched filtering for motion estimation," <u>IEEE Transactions on Image Processing</u> , 8(3):438-444.
	C64	Mitchell et al. (1998), "Colposcopy for the diagnosis of squamous intraepithelial lesions: a meta-analysis," <u>Obstet. Gynecol.</u> , 91(4):626-631.
	C65	Mycek et al. (1998), "Colonic polyp differentiation using time-resolved autofluorescence spectroscopy," <u>Gastrointestinal Endoscopy</u> , 48(4):390-394.
	C66	Nanda et al. (2000), "Accuracy of the Papanicolaou test in screening for and follow-up of cervical cytologic abnormalities: a systematic review," <u>Ann Intern Med.</u> , 132(10):810-819.
	C67	Nesi et al. (1998), "RETIMAC REalTime Motion Analysis Chip," <u>IEEE Transactions on Circuits and Systems-II: Analog and Digital Signal Processing</u> , 45(3):361-375.
	C68	Noumeir et al. (1996), "Detection of Motion During Tomographic Acquisition by an Optical Flow Algorithm," <u>Computers and Biomedical Research</u> , 29(1):1-15.
	C69	O'Sullivan et al. (1994), "Interobserver variation in the diagnosis and grading of dyskaryosis in cervical smears: specialist cytopathologists compared with non-specialists," <u>J. Clin. Pathol.</u> , 47(6):515-518.
	C70	Ogura et al. (1995), "A cost effective motion estimation processor LSI using a simple and efficient algorithm," <u>IEEE Transactions on Consumer Electronics</u> , 41(3):690-698.
	C71	Okatani et al. (1997), "Shape reconstruction from an endoscope image by shape from shading technique for a point light source at the projection center," <u>Computer Vision and Image Understanding</u> , 66(2):119-131.
	C72	Pan et al. (1998), "Correlation-feedback Technique in Optical Flow Determination," <u>IEEE Transactions on Image Processing</u> , 7(7):1061-1067.
	C73	Perona et al. (1990), "Scale-space and edge detection using anisotropic diffusion," <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , 12(7):629-639.
	C74	Pogue et al. (2001), "Analysis of Acetic Acid-Induced Whitening of High-Grade Squamous Intraepithelial Lesions," <u>Journal of Biomedical Optics</u> , 6(4):397-403.
	C75	Radjadhyaksha et al. (2000), "Confocal microscopy of excised human skin using acetic acid and crossed polarization: rapid detection of non-melanoma skin cancers," <u>Proceedings of SPIE</u> , 3907:84-88.
	C76	Rakshit et al. (1997), "Computation of Optical Flow Using Basis Functions," <u>IEEE Transactions on Image Processing</u> , 6(9):1246-1254.
	C77	Reid et al. (1985), "Genital warts and cervical cancer. VII. An improved colposcopic index for differentiating benign papillomaviral infections from high-grade CIN," <u>Am. J. Obstet. Gynecol.</u> , 153(6):611-618.
	C78	Romano et al. (1997), "Spectroscopic study of human leukocytes," <u>Physica Medica</u> , 13:291-295.

EXAMINER	DATE CONSIDERED
----------	-----------------



FORM PTO - 1449		ATTORNEY DOCKET NO.: MDS-009CN
SECOND SUPPLEMENTAL		APPLICANTS: Modell <i>et al.</i>
INFORMATION DISCLOSURE STATEMENT		SERIAL NO.: 09/841,325
		FILING DATE: April 24, 2001
		GROUP: 3737
OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C79	Ruprecht et al. (1995), "Image warping with scattered data interpolation methods," <u>IEEE Computer Graphics and Applications</u> , 37-43.
	C80	Sakuma (1985), "Quantitative Analysis of the Whiteness of the Atypical Cervical Transformation Zone", <u>The Journal of Reproductive Medicine</u> , 30(10):773-776.
	C81	Schmid (1999), "Lesion Detection in Dermatoscopic Images Using Anisotropic Diffusion and Morphological Flooding," <u>Proceedings of the International Conference on Image Processing (ICIP-99)</u> , 3:449-453.
	C82	Schmid (1999), "Segmentation and Symmetry Measure for Image Analysis: Application to Digital Dermatoscopy," <u>Ph.D. Thesis, Swiss Federal Institute of Technology (EPFL), Signal Processing Laboratory (LTS)</u> .
	C83	Schmid (1999), "Segmentation of Digitized Dermatoscopic Images by 2D Color Clustering," <u>IEEE Transactions on Medical Imaging</u> , 18(2):164-171.
	C84	Schomacker et al. (1992), "Ultraviolet Laser-Induced Fluorescence of Colonic Tissue; Basic Biology and Diagnostic Potential", <u>Lasers in Surgery and Medicine</u> , 12:63-78.
	C85	Shafarenko et al. (1997), "Automatic Watershed Segmentation of Randomly Textured Color Images," <u>IEEE Transactions on Image Processing</u> , 6(11):1530-1544.
	C86	Shafi et al. (1995), "Modern image capture and data collection technology," <u>Clin. Obstet. Gynecol.</u> , 38(3):640-643.
	C87	Szarewski et al., (1996), "Effect of smoking cessation on cervical lesions size," <u>Lancet</u> , 347:941-943.
	C88	Szeliski et al. (1997), "Spline-based image registration," <u>International Journal of Computer Vision</u> , 22(3):199-218.
	C89	Tadrous (2000), "Methods for Imaging the Structure and Function of Living Tissues and Cells: 2. Fluorescence Lifetime Imaging," <u>Journal of Pathology</u> , 191(3):229-234.
	C90	Thirion et al. (1999), "Deformation analysis to detect and quantify active lesions in three-dimensional medical image sequences," <u>IEEE Transactions on Medical Imaging</u> , 18(5):429-441.
	C91	Toglia et al. (1997), "Evaluation of colposcopic skills in an obstetrics and gynecology residency training program," <u>J. Lower Gen. Tract. Dis.</u> , 1(1):5-8.
	C92	Treameau et al. (1997), "A Region Growing and Merging Algorithm to Color Segmentation," <u>Pattern Recognition</u> , 30(7):1191-1203.
	C93	Van den Elsen et al. (1995), "Automatic registration of ct and mr brain images using correlation of geometrical features," <u>IEEE Transactions on medical imaging</u> , 14(2):384-396.
	C94	Vernon (1999), "Computation of Instantaneous Optical Flow Using the Phase of Fourier Components," <u>Image and Vision Computing</u> , 17:189-199.

EXAMINER

DATE CONSIDERED


 FORM PTO - 1449

SECOND SUPPLEMENTAL

INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-009CN

APPLICANTS: Modell *et al.*

SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001

GROUP: 3737

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C95	Vincent et al. (1991), "Watersheds in Digital Spaces: An Efficient Algorithm Based on Immersion Simulations," <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , 13(6):583-598.
	C96	Vincent et al. (1993), "Morphological grayscale reconstruction in image analysis: Applications and efficient algorithms," <u>IEEE Transactions on Image Processing</u> , 2(2):176-201.
	C97	Wang et al. (1999), "Fast algorithms for the estimation of motion vectors," <u>IEEE Transactions on Image Processing</u> , 8(3):435-438.
	C98	Weng et al. (1997), "Three-Dimensional Surface Reconstruction Using Optical Flow for Medical Imaging," <u>IEEE Transactions on Medical Imaging</u> , 16(5):630-641.
	C99	Wolberg et al. (1998) "Image morphing: a survey," <u>The Visual Computer</u> , 14:360-372.
	C100	You et al. (1996), "Behavioral analysis of anisotropic diffusion in image processing," <u>IEEE Transactions on Image Processing</u> , 5(11):1539-1553.
	C101	Zahm et al. (1998), "Colposcopic appearance of cervical intraepithelial neoplasia is age dependent," <u>Am. J. Obstet. Gynecol.</u> , 179(5):1298-1304.
	C102	Zeger et al. (1992), "Globally optimal vector quantizer design by stochastic relaxation," <u>IEEE Transactions on Signal Processing</u> , 40(2):310-322.
	C103	Zeng et al. (1993), "A computerized autofluorescence and diffuse reflectance spectroanalyser system for <i>in vivo</i> skin studies," <u>Phys. Med. Biol.</u> , 38:231-240.
	C104	Zeng et al. (1997), "Optimization of fast block motion estimation algorithms," <u>IEEE Transactions on Circuits and Systems for Video Technology</u> , 7(6):833-844.
	C105	Zhang et al. (1999), "Shape from shading: a survey," <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , 21(8):690-706.
	C106	Zheng et al. (1991), "Estimation of illumination direction, albedo, and shape from shading," <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , 13(7):680-702.
	C107	Zhengfang et al. (1998), "Identification of Colonic Dysplasia and Neoplasia by Diffuse Reflectance Spectroscopy and Pattern Recognition Techniques," <u>Applied Spectroscopy</u> , 52(6):833-839.

2639376

EXAMINER

DATE CONSIDERED